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GRISHIN,N.I. (Moscow)

Spectrum of noctilucent clouds. Astron.tsir. no.159:27-30 My'55.
(Clouds--Spectra) (MLRA 8:12)

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GRISHIN, N. I.

"The Structure of Silvery Noctilucent Clouds".
Byul. Vses. astronomo-geol. o-va, No 16, pp 3-6, 1955.

Morphological classification of noctilucent clouds which has been developed by the author on the basis of a treatment of visual observations and photographs of noctilucent clouds over the period 1948-1951 is proposed. He discerns four principal types of noctilucent clouds: gauze, bands, crests, whirls. Their description and photographs are given. Low-speed cinematography of noctilucent clouds in the summer of 1953 confirmed the correctness of the proposed classification and led to the conclusion that the methods of cinematography are the best in the study of the formation and evolution of noctilucent clouds. (RZhGeol, No 9, 1955)

SO: Sum No 884, 9 Apr 1956

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GRISHIN, N.I.

AID P - 1430

Subject : USSR/Meteorology and Hydrology

Card 1/1 Pub. 71-a - 4/23

Author : Grishin, N. I.

Title : On the morphology of the Mother-of-Pearl clouds

Periodical : Met. i gidro., 1, 23-28, Ja - F 1955

Abstract : An attempt to give a morphologic classification of the mother-of-pearl (silvery, according to the author) clouds, from factual material in literature, photoplates, and analysis of observations made in 1948-1953. The author offers four main types, subdividing them into several subtypes. Six photoplates and 3 Russian references.

Institution: Main Administration of the Hydrometeorological Service at the Council of Ministers of the USSR

Submitted : No date

Translation M-735, 29 Aug 55

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GRISHIN, N.I.

Structure of noctilucent clouds. Astron.tsir. no.147:20-24
Mr '54. (MLRA 7:8)

1. Geofizicheskiy institut Akademii Nauk SSSR (Moscow)
(Clouds)

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GRISHIN, N.I.

Meteorological conditions for the appearance of noctilucent clouds. Trudy AN Tadzh. SSR 20:134-144 '54. (MIRA 13:3)
(Clouds)

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GRISHIN, N. I.

"Meteorological Conditions of Silvery Clouds Appearance".
Byull. Vses. Asteonomo-Geod. o-va, No 15, pp 3-9, 1954.

Observational data over Moscow from 1950 to 1952 were analyzed. An increase of atmospheric pressure at the location was observed before the appearance of silvery clouds. They were found mostly over the head and tail of an anticyclone. The zone of silvery cloud appearance of 50-65 N may be explained by the disruption of the tropopause allowing water vapor to escape in the stratosphere. (RZhFiz, No 11, 1955)

SO: Sum No 884, 9 Apr 1956

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GRISHIN,N.I.

Meteorological conditions under which noctilucent clouds occur.
Meteor.i gidrol. no.4:27-30 Ap '53. (MLRA 8:9)

1. Geofizicheskiy institut Akademii nauk SSSR, Moskva.
(Clouds)

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1. GRISHIN, N. I.

2. USSR (600)

4. Astronomy

7. Silver clouds in 1951. Astron. tsir. no. 127, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

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50°-65° north and south latitudes has not been disproved. I. S. Astapovich watched the twilight sky during 700 evenings of 1942-1945 at Ashkhabad (37°54'N) and not one case of noctilucent clouds was registered. Subject Headings: 1. Noctilucent cloud data. 2. European U.S.S.R.--N.L.C.

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GRISHIN, N. I.

Meteorological Abst.
Vol. 4 No. 10
Oct. 1953
Part 1
Miscellaneous Applications

4.10-257 551.593.653

*Grishin, N. I., Serebristye oblaka v 1950-1951 gg. [Noctilucent clouds in 1950-1951.] Meteorologiia i Gidrologiia, No. 8:22-26, 1952. 2 figs., table, 11 refs. DLC--Systematic observations of noctilucent clouds during 1950 1951 were made in European Russia by the Moscow division of the All-Union Astronomodtic Society. Summary of the observational data is presented in table which shows that 2 cases were recorded in 1950 and 21 cases in 1951. These clouds were observed at different azimuths on a background of twilight sky: Increase of brightness of the twilight segment before appearance of clouds and after their disappearance, anddarkening of the sky area below the cloud zone were recorded many times during the observation periods. The observations confirmed that the appearance of clouds is possible when the sun is 5°-14° below the horizon. The popular opinion that the noctilucent clouds are observed only in narrow strips at

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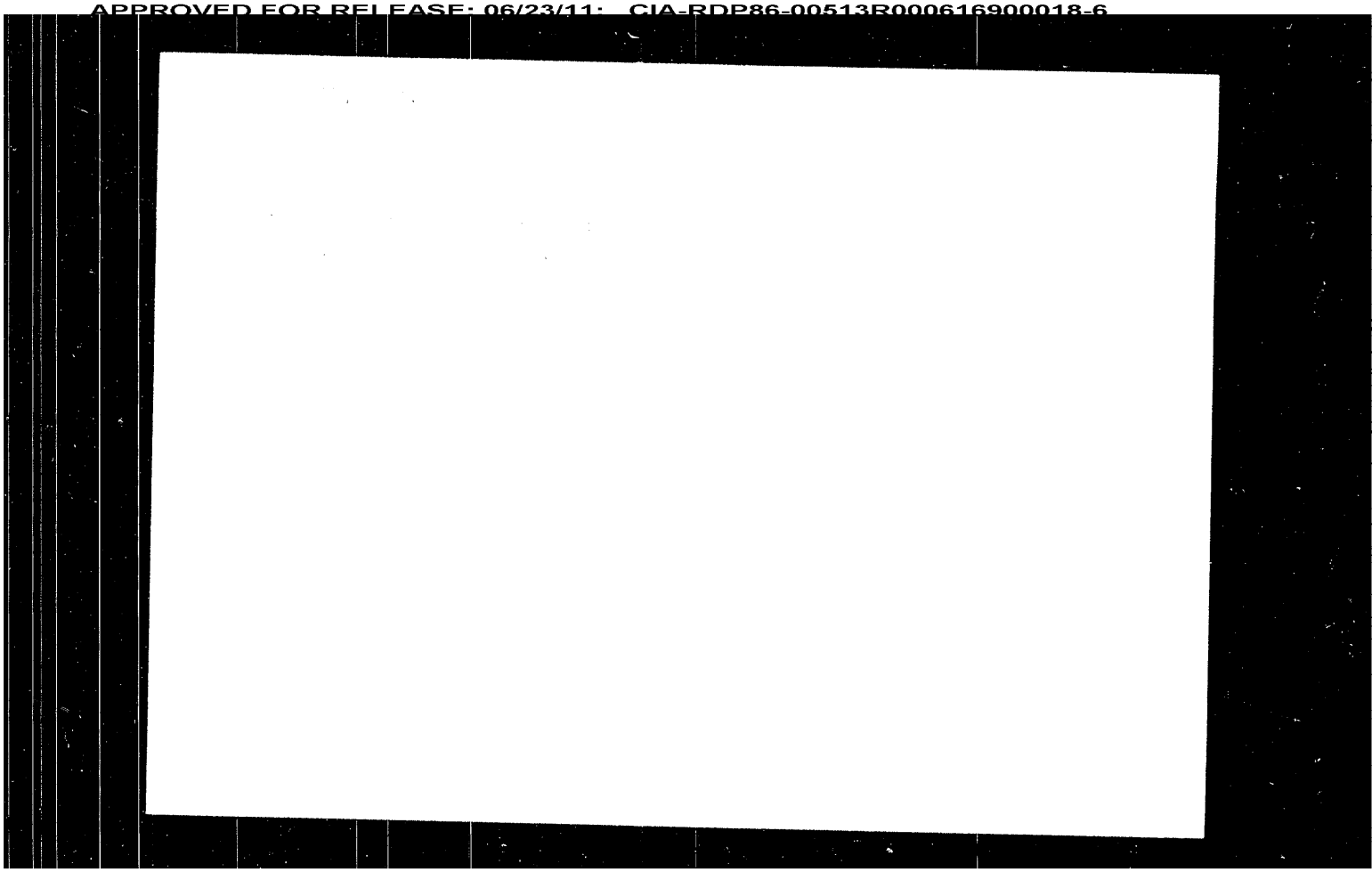

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GRISHIN, N. I. and MANSUROVA, K. A.

"Photographic Study of Meteors by the Moscow Section of the All-Union Astronomical Geodetic Society in 1949-1950," Byul. VAGO, No.10, 1951, pp. 19-27

Translation 568459

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GRISHIN, N.G.

Conveyers, plows, lamps. Ugol' Ukr. 5 no.2:26 F '61. (MIRA 14:3)

1. Glavnyy inzh. zavoda "Svet shakhtera."
(Kharkov--Conveying machinery)
(Coal mines and mining--Equipment and supplies

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GRISHIN, N.G., inzh.

Technical equipment of wool and silk manufactures under the Moscow Province Economic Council. Tekst.prom. 18 no.12:49-50 D '58. (MIRA 11:12)

(Moscow Province--Woolen and worsted manufacture)
(Moscow Province--Silk manufacture)

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[redacted], I.G., inzhener.

New techniques in the silk and rayon industries. Tekst.prom. 17 no.6:17-19 Je '57. (MLRA 10:7)
(Silk manufacture) (Rayon)

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GRISHIN, N.G., inzhener.

Ways of technical modernization of the silk industry. Tekst.prom. 14 no.10:4-7 O '54. (MLRA 7:10)
(Silk manufacture)

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25(2) PHASE I BOOK EXPLOITATION SOV/1636

Novyye mashiny; sbornik statey o novykh mashinakh, motorakh, apparatakh sozdannykh na Khar'kovskikh predpriyatiyakh v period 1956-1958 gg. (New Machines; Collection of Articles on New Machines, Motors, and Apparatus Made in Khar'kov Plants From 1956 to 1958) /Khar'kov/ Khar'kovskoye oblastnoye izd-vo, 1958. 226 p. 4,000 copies printed.

Compiler: P.I. Zmaga; Scientific Eds.: V.A. Bulgakov (Chief Engineer, Khar'kov Electromechanical Plant), S.A. Vorob'yev (Candidate of Technical Sciences, Docent), L.A. Shubenko-Shubin (Chief Machine Designer, Khar'kov Turbine Plant, and Corresponding Member, Ukrainian SSR Academy of Sciences); Ed.: Ya.Ye. Donskoy; Tech. Ed.: M.G. Shevchenko.

PURPOSE: This collection of articles is to acquaint the reader with the latest developments and attainments of the Khar'kov machinery manufacturing industry during the 1956-58 period.

COVERAGE: The book, prepared in the form of a descriptive catalog, presents the latest information on machinery and equipment manufactured by Khar'kov plants from 1956-58. A detailed description is given of the following machines and equipment: steam turbines, tractors, self-propelled chassis, diesel engines, diesel locomotives, machine tools including unit metal-cutting machine tools, conveyors, road building machinery, electric power generators, and electrical and electronic instruments. Numerous photographs of the above-listed machinery and equipment are included in the text. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

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Card 2/6

New Machines; Collection of Articles (Cont.) SOV/1636

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Weldability of thermoplastics

S/191/63/000/001/008/017
B101/B186

Welding tests with polymethyl methacrylate at 135-190°C and with hydroquinone as recombination inhibitor showed that hydroquinone had no effect on the welding process, so that the recombination and repolymerization processes were insignificant. Conclusion: The diffusion theory makes it possible to predict the optimum welding conditions from the thermomechanical properties of the polymers. Amorphous polymers should be welded in the viscous flow state, crystalline polymers above the melting point. There are 3 figures.

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S/191/63/000/001/008/017
B101/B186

AUTHOR: Grishin, N. A.

TITLE: Weldability of thermoplastics

PERIODICAL: Plasticheskiye massy, no. 1, 1963, 31-35

TEXT: The welding of thermoplastics is explained by the diffusion theory of S. S. Voyutskiy (Uspekhi khimii, 16, 449 (1949)) which ascribes it to mutual diffusion of macromolecule segments. The curve for strength of the welding seam versus temperature is similar to that of deformation versus temperature for polystyrene, polymethyl methacrylate, and a combined polymethyl methacrylate - methacrylic acid copolymer. For polymers with a glassy state the curve for strength of the weld versus temperature is stepped: welding occurs when the softening point is passed, but maximum strength due to increased mobility of macromolecules is given only by the weld obtained in the state of viscous flow. The effect of diffusion is manifest also in the dependence of the strength of the weld on the welding time and in the dependence on pressure, which must be 1 kg/cm^2 for crystalline polymers and at least 10 kg/cm^2 for amorphous organic glasses.

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KOROLEV, A.Ya.; BEK, V.I.; GRISHIN, N.A.

Adhesion of polytetrafluoroethyle to metals.
Vysokom.soed. 4 no.9:1411-1418 S '62. (MIRA 15:11)
(Ethylene) (Plastics) (Adhesion)

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GRISHIN, N.A.

Strength of welded joints of polymer films. Plast.massy no.10:65-66 '62. (MIRA 15:11)
(Plastic films) (Plastics--Welding)

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Mechanical testing of welded ...

It is best to test block polymer welds according to GOST 4649-55, 4648-56, and 4647-55, and film welds by methods similar to those specified in GOST 270-53 and 264-53. There are 11 figures.

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S/191/62/000/008/012/013
B124/B180

AUTHOR: Grishin, N. A.

TITLE: Mechanical testing of welded polymers joints

PERIODICAL: Plasticheskiye massy, no. 8, 1962, 59-63

TEXT: The mechanical strength of welded polymer foil joints was tested by the same method as for glued joints, namely a compressive shear test at a loading rate of 2000-2500 kg/min for lapped joints, and by a tensile shear test according to ГОСТ 4649-55 (GOST 4649-55) for tapered butt joints. The strength of the joint is not always the adhesive strength. It is important to know the latter in order to choose optimum welding conditions and to assess the weldability of different polymers. Butt welds were mostly tested in tension perpendicular to the seam, and also according to the above standard. The tear-apart test is best for sheets pressure-welded in a closed apparatus, and the peel-apart test for welded films. The tensile strength of seams butt-welded by the hot blade method is 28% and impact toughness 40-50%, below that of the initial material. Chief factor is the orientation of the material during welding.

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Thermal impulse welding of...

92 % of the material strength. Also in the case of PVC, the welding pressure did not affect the tensile strength. The larger range of optimum pulse duration of PE is due to its high resistance to heat, good meltability, and orienting power in the cold. But also PVC may be subjected to the thermal impulse method. The method is also applicable to films of 0.25 mm thick, frost-resistant PVC, 0.15 mm thick TK-4 (PK-4) polyamide, 0.02 and 0.05 mm thick polyethylene terephthalate, 0.2 mm thick "Ftorlon", paper covered on one side with PE (total thickness 0.25 mm), and 0.1 mm thick fluoroplast of poor weldability. There are 14 figures, 1 table, and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: Ref. 1: H. P. Zade, Plastics, 24, No. 257, 109, 116 (1959).

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Thermal impulse welding of....

Resistance to delamination increased with the pulse duration up to the maximum values: ~0.7 kg/cm at all voltages studied: 5, 7, 11, 14, 20 v. The initial steep increase is due to melting of the film in a narrow temperature range. The upper curve of Fig. 8 indicates the time until the destructive temperature of the fluoroplast layer is attained, and the lower curve shows the time until the melting point of polyethylene is reached. Fig. 10 shows the effect of pulse duration on the resistance to delamination on heating from one or two sides. The latter requires a prolonged pulse duration. The pressure exerted during welding was measured by a dynamometer, and then the values of ultimate tensile strength were determined (Fig. 11). They correspond to the values of the starting material and remained constant for pressures of 1-14 kg/cm^2, as they depend on the bond strength of the overlapping seam borders. These get thinner at film thicknesses of 0.2 and 0.1 mm by pressure exceeding 4 kg/cm^2. In experiments with B-118 (V-118) PVC film, the maximum resistance to delamination was the same on two-sided heating at voltages of 7, 11, 14 v. But the range of optimum pulse duration was narrower than in the case of PE, owing to the lower heat resistance of the PVC film. The ultimate tensile strength was far higher than the resistance to delamination, and attained

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Thermal impulse welding of...

necessary, as otherwise the material would stick to the hot heaters. This work may be easily automatized by means of a time relay of constant efficiency for the manufacture of strong seams. The impulse method has the following advantages over the h-f method: simple and cheap equipment, no dependence on the dielectric properties of the films, workability for <0.1 mm thick films (Table). The minimum working thickness of polyvinyl chloride may be explained by its higher sensitivity to excess heating. The coefficient of superheating is: $K = T_{\text{outer surf.}}/T_{\text{welded surf.}}$ Polyethylene films of 0.05; 0.1 and 0.2 mm, and 0.2 mm thick masticated S-118 (V-118) rubber were welded by means of the manual instrument (Fig. 5б) with a 15 cm long heater. The latter consisted of two 0.18 mm thick, 3 mm wide plates of stainless steel. On heating from one side, the plate with the disconnected heater was covered with a 2mm thick layer of organosilicon rubber. On heating from two sides, both plates were coated with fluoroplast-4. The pulse duration (0.25-4 sec) was adjusted by a time relay, and the voltage by an autotransformer and a transformer. Blocks of Duralumin serving as a base of the heater cool much better than glass-textolite blocks because of their higher heat conductivity.

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S/191/61/000/004/004/009
B110/B208

AUTHOR: Grishin, N. A.

TITLE: Thermal impulse welding of thermoplastic films

PERIODICAL: Plasticheskiye massy, no. 4, 1961, 22-27

TEXT: The thermal impulse method is used in the welding of films, in which the softening point of thermoplasts is attained in fractions of a second by electric pulsing. Metal strips of low heat capacity are used, which conduct the residual heat of the thermoplasts on cooling. Heating from two sides is required for films of a thickness > 0.15 mm. The apparatus consist of jaw clamps to which heater and transmitter are fastened. In the case of heating from one side the cold side is covered with organosilicon rubber which is frequently coated with glass fibers impregnated with polytetrafluoroethylene. The Polish apparatus "Elektrim" (Fig. 4) with pedal operation has the following characteristics: mains voltage 220 v; pulse height $\sim$400 v; frequency 50 cps; regulation steps 12; maximum length of the seam 500 mm; heating from one side; time of heating 0.4-2.5 sec; dimensions 1100 mm $\times$ 700 mm $\times$ 710 mm; weight 60 kg. Pulsing with subsequent cooling is

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GRISHIN, N.A.; VOYUTSKIY, S.S.

Welding of rigid thermoplastic high polymers. Part 2: Effect of the properties of the polymers on the weld. Vysokom.soed. 1 no.12:1788-1794 D '59. (MIRA 13:5)
(Plastics--Welding) (Polymers)

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GRISHIN, N.A.; VOYUTSKIY, S.S.

Welding of rigid thermoplastic high polymers. Part 1: Effect of welding conditions on the welding process. Vysokom.soed. 1 no.12:1778-1787 D '59. (MIRA 13:5)
(Polymers) (Plastics--Welding)

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Welding of Plastics by Hot Tools

ПВХ (PVKh) and polystyrene ПС (PS) at a pressure of 10 kg/cm^2. In general, the theory may be accepted that during a thermal treatment of polymers the welding is conditioned by diffusion of molecules or their parts. This theory is based on the most characteristic peculiarity of polymers, viz. long-chained structure of molecules and their high pliability. There are 4 figures, 1 table and 4 Soviet references.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

S/135/59/000/012/005/006
A115/A029

AUTHOR: Grishin, N.A., Engineer

TITLE: Welding of Plastics by Hot Tools

PERIODICAL: Svarochnoye proizvodstvo, 1959, No. 12, pp. 18 - 21

TEXT: There is no universal method for welding of plastics. Hot air welding is not permissible where transparence is required, and dielectrics, such as polyethylene and polystyrene cannot be heated by high-frequency current. These and other difficulties can be overcome by welding with hot tools, guaranteeing strength, durability and high productivity of welds. Figure 1 shows a simple device for overlap welding and Figure 2 a scheme for covered-up welding. In both schemes the parts to be welded come into contact in the beginning of the process, then they are heated up to the prescribed temperature and cooled, while still under pressure. Figure 3 shows butt welding, the central part being a hot blade. Figure 4 shows a scheme of welding with a soldering iron. Figures 5 and 6 show the dependence of the strength of weldings on temperature, time and pressure. Figure 7 shows the dependence of the strength of weldings on the temperature: with plasticized polymethyl COП (SOL), methacrylate СТ-1 (ST-1),

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Note on the Mechanism of Organic Glass Fusion. 20-4-28/51

ASSOCIATION: All-Union Scientific Research Institute for Aviation Materials (Vsesoyuznyy nauchno-issledovatel'skiy institut aviatsionnykh materialov).

PRESENTED: April 18, 1957, by V. A. Kargin, Academician.

SUBMITTED: April 1o, 1957.

AVAILABLE: Library of Congress.

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crease the deformation in the welding domain. The welded samples were then tested in a direction normal to the contact surface until a rupture took place. The rupture of the welded samples as a rule occurred in the plane of the initial contact. No irregularities of stress distribution could be observed in polarized light in the plane of the welding seam, when the samples were stressed before the rupture. A diagram illustrates the dependence of the "autohesion" strength of samples of plasticized polymethylic metacrytate on the pressure at various welding temperatures. The general character of these curves is similar to that of the analoguous curves for polyisobutylene. The "autohesion" increases with an increasing pressure and tends towards a fixed limit. A further diagram illustrates the strength of samples as a function of the welding time at various temperatures and finally the dependence of the auto-hesion strength on the welding temperature is illustrated. The details of the experiments and of the curves are discussed shortly. The polymethylic metacrylate is in a highly elastic state at a temperature between 15o and 18o°C and, at 18o°C passes into a visceous state, which permits a shifting of the macromolecules with respect to each other.

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There are 3 figures and 11 references, 8 of which are Slavic.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, N. A.

AUTHORS: Grishin, N. A., Voyutskiy, S. S., Gudimov, M. M. 20-4-28/51

TITLE: Note on the Mechanism of Organic Glass Fusion (O mekhanizme svarivaniya organicheskikh stekol).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 4, pp. 629-632 (USSR).

ABSTRACT: The experimental data given in the present paper confirm the opinion, that the fusion of glass may be traced back to a diffusion of chain-like molecules or of their parts from one sample to the other. The experiments were conducted with industrial organic glass (polymethytic metacrylate plasticized or non-plasticized with 6% Dibutylphtelate). Two rectangular slabs of organic glass with smoothly milled front faces were mounted between two plates of heat isolating material, and the front faces, which are intended for fusion, are pressed against each other. The contacting domains were heated by means of narrow electric resistance heaters. The welding apparatus permits the variation of the pressure stress within a comparatively wide interval. After reaching a certain temperature the slabs were held at this temperature and were kept in the welding apparatus during the cooling process. In some cases the welded samples obtained by this method were subjected to an extra heat treatment to remove the remaining internal stresses in the glass and to de-

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GRIGHIN, N., Inzhener-podpolkovnik, kand. tekhn. nauk

Combat materiel transportable by air. Tekh. i vooruzh. sil 5:
84-85 My '64. (MIRA 17:9)

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GRISHIN, N.

From radio amateurs for the national economy. Nauka i zhizn' 28 no.9:82-85 S '61. (MIRA 14:10)
(Electronic apparatus and appliances)

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1. GRISHIN, N.

2. USSR (600)

4. Uranium - Saxony

7. Uranium is a weapon of peace. Sots.vest. 32 no , 1952.

9. Monthly List of Russian Accessions, Library of Congress, JANUARY 1953, Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

ALEKSEYEV, S.N.; ANTIPIN, V.A.; ARTAMONOV, V.S.; BALALAYEV, G.A., inzh.; VOLODIN, V.Ye.; GOL'DENBERG, N.L.; GORINA, B.S.; GOFEN, D.A.; GRISHIN, M.Ye.; DENESHKEVICH, Yu.V.; DORONENKOV, I.M.; KLINOV, I.Ya., doktor tekhn. nauk, prof.; LEYRIKH, V.E.; LUTONIN, N.V.; MOLOKANOV, A.V., dots.; NOGIN, A.Ya.; PAKHOMOV, N.M.; PROTOSAVITSKAYA, Ye.A.; ROMOV, I.V.; CHAPLITSKIY, L.A.; TSEYTLIN, A.G.; STRAV'YE, P.K.; MOSHCHANSKIY, N.A., doktor tekhn. nauk, prof., red.; PEREVALYUK, N.V., red.izd-va; TIMKINA, Ye.L., tekhn.red.

[Corrosion protection in the construction of industrial buildings] Zashchita ot korrozii v promyshlennom stroit l'-stve. Moskva, Gosstroiizdat, 1963. 406 p. (MIRA 16:12)

(Corrosion and anticorrosives)
(Industrial buildings)

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VOLODIN, V.Ye.; PAKHOMOV, N.M.; DERESHKEVICH, Yu.V.; PASECHNIK, K.A.; BUKHARIN, Ye.V.; MOISEYEVA, Ye.I.. Prinimali uchastiye: GRISHIN, M.Ye., inzh.; PROTOSAVITSKAYA, Ye.A., inzh.; GOFEN, D.A., inzh.; VINARSKIY, V.I., inzh.; PLUTENKO, V.P., inzh.. MOSHCHANSKIY, N.A., nauchnyy red.; TYAPKIN, B.G., red.izd-va; GURVICH, E.A., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Anticorrosive coatings for construction elements and apparatus; handbook] Antikorroziinye pokrytiia stroitel'nykh konstruktsii i apparatury; spravochnoe posobie. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 266 p. (MIRA 13:4)

1. Russia (1917- R.S.F.S.R.). Glavnoye upravleniye po montazhu tekhnologicheskogo oborudovaniya i proizvodstvu montazhnykh rabot. 2. Proyektno-konstruktorskoye byuro tresta Montazhkhimzashchita (for Volodin, Pakhomov, Dereshkevich, Pasechnik, Bukharin, Moiseyeva).

(Protective coatings) (Building materials)

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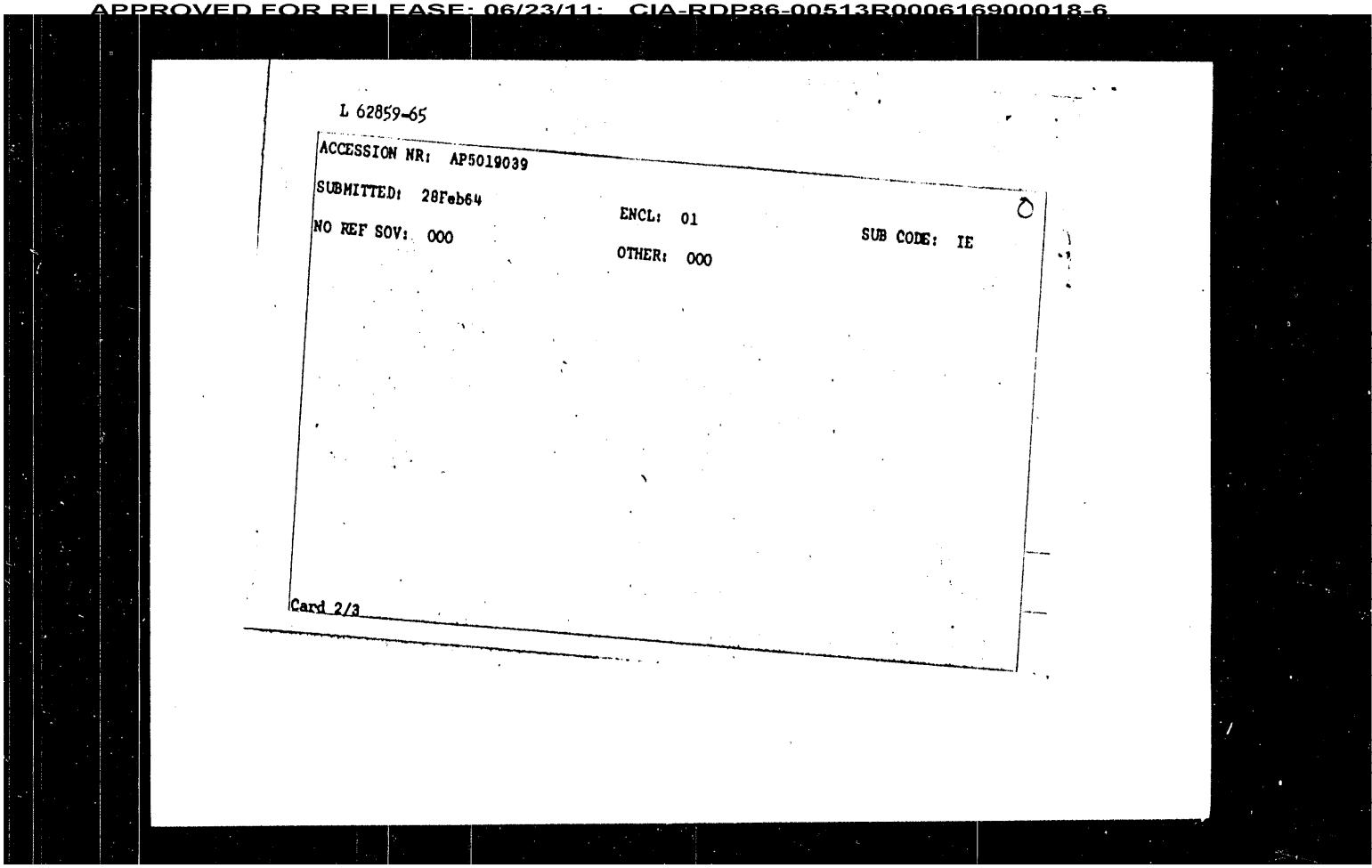

L 62859-65

ACCESSION NR: AP5019039

SUBMITTED: 28Feb64 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/3

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L 62859-65

ACCESSION NR: AP5019039 UR/0286/65/000/012/0070/0070
624.953 : 621.642.34

AUTHOR: Zalavin, K. P.; Kolpachev, Yu. G.; Okhotnikov, A. A.; Kireyev, V. G.; Rashidov, N. F.; Grishin, M. S.; Sandakov, Ye. A.; Golovanov, G. F.; Plyshevskiy, I. V.

TITLE: A tank for storage and transportation of liquids. Class 37, No. 172022

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 70

TOPIC TAGS: liquid storage, tank

ABSTRACT: This Author's Certificate introduces: 1. A tank for storage and transportation of a liquid. The unit is made of an elastic material in the form of a truncated cone with a neck and a ring. The floating ring is mounted on the outside of the neck and can be replaced so that buckling of the rim of the neck can be avoided in case the ring is damaged. 2. A modification of this tank in which the floating ring is made replaceable by covering it with a sleeve which is fastened to the neck by straps.

ASSOCIATION: none

Card 1/3

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VOROB'YOV, N.A., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk

Determining the weight of trains and traffic volume by the load per unit length. Vest. TSNII MPS 24 no.2:47-51 '65.
(MIRA 18:5)

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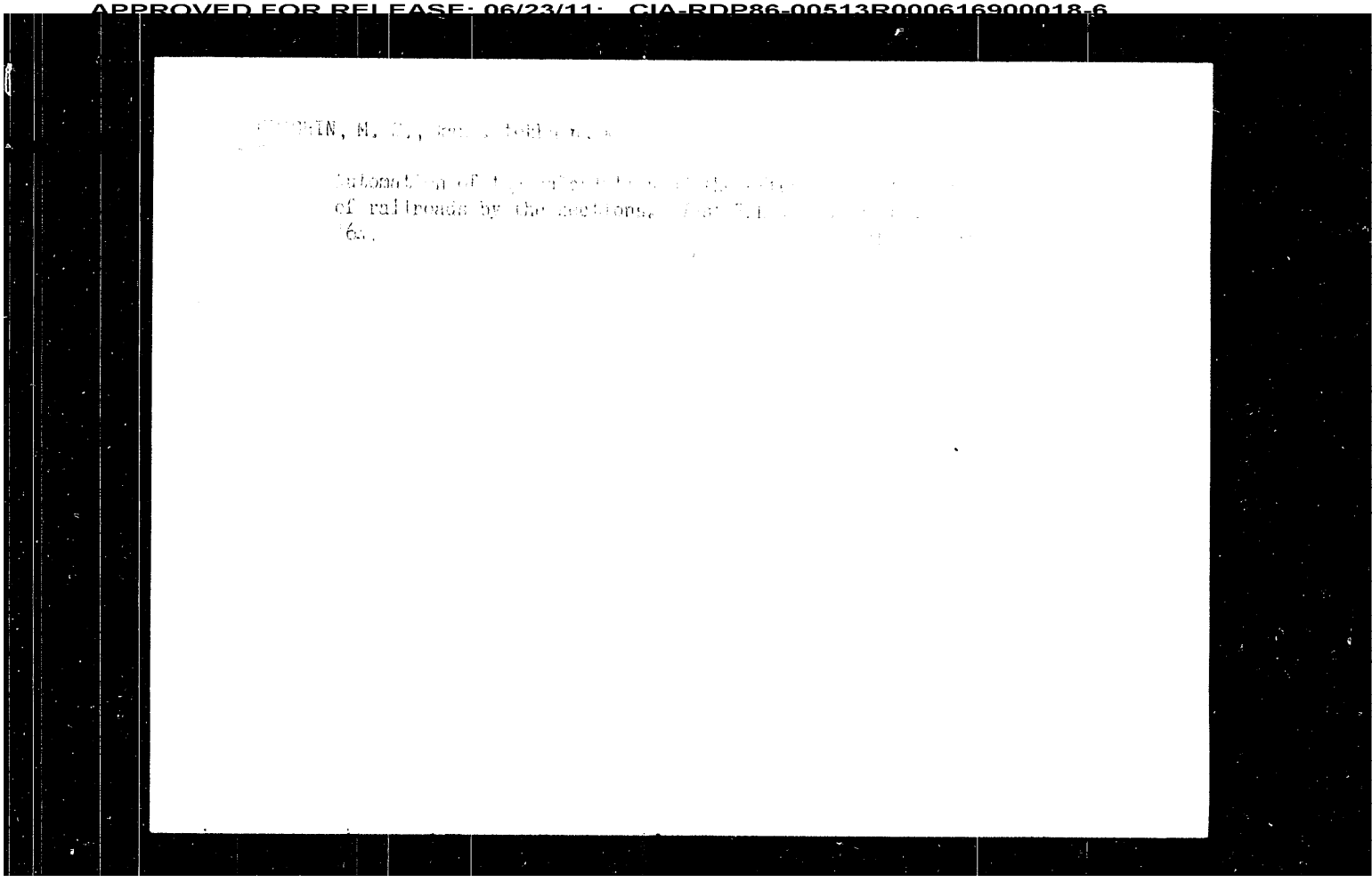

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

PETROV, A.P., doktor tekhn. nauk, prof.; TULUPOV, L.P., kand. tekhn. nauk; KRYUKOV, N.D., kand. tekhn.nauk; GUNDOBIN, V.N., inzh.; VASIL'YEV, G.S., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk; MOROZOVA, K.N., inzh.; ROZE, V.A., inzh.; LEVSHIN, G.L., inzh.; BERNGARD, K.A., doktor tekhn. nauk, prof.; BIKCHENTAY, M.A., inzh.; BUYANOV, V.A., inzh.; ILOVAYSKIY, N.D., inzh.; MUKHAMEDOV, G.A., kand. tekhn.nauk; MIROSHNICHENKO, A.P., inzh.; ANDRIANOV, V.P., inzh.; BUTS, V.D., inzh.; KAZIMOV, A.A., inzh.; KIREYEV, O.P., inzh.; DYUFUR, S.L., kand. tekhn. nauk; USTINSKIY, A.A., kand. tekhn. nauk; MIKHAYLOV, S.M., inzh.; NESTEROV, Ye.P., kand. tekhn. nauk, retsenzent; LIVSHITS, V.N., inzh., retsenzent; PREDE, V.Yu., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Control of transportation processes using electronic digital computers] Upravlenie perevozochnym protsessom s primeneniem elektronnykh tsifrovykh vychislitel'nykh mashin. Pod obshchei red. A.P.Petrova. Moskva, Transzheldorizdat, 1963. 207 p. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Petrov).
(Railroads--Management) (Electronic digital computers)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

DERBIKOV, I.V.; GRISHIN, M.F.; AGUL'NIK, I.M.

Tectonics of the foundation of the Western Siberian Lowland and the mountains (Paleozoic) forming its borders in the interfluve to the Ob' and Irtysh Rivers and adjacent areas. Trudy SNIIGGIMS no.11:29-62 '60. (MIRA 14:5)
(Siberia, Western--Geology, Structural)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

DERBIKOV, I.V.; GRISHIN, M.P.; BEN'KO, M.P.

Brief, critical outline of current concepts of the tectonics of the mantel and foundation of the Western Siberian Lowland. Trudy SNIIGIMS no.11:5-28 '60. (MIRA 14:5)
(Siberia, Western--Geology, Structural)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.P.; PYATNITSKIY, V.K.

Structure of the basement of the Yenisey Valley portion of the West Siberian Plateau and western part of the Siberian Platform according to geophysical data. Trudy SNIIGGIMS no. 30:154-166 '64 (MIRA 19:1)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

DERBIKOV, I.V.; GRISHIN, M.P.; AGUL'NIK, I.M.

Disjunctive tectonics and methods for its detection in the West Siberian Plain. Trudy SNIIGGIMS no.10:5-14 '60.
(MIRA 15:12)
(West Siberian Plain--Geology, Structural)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.P., inzh.; SUSHKOV, M.F., inzh.

The ZGS-100 grain loader and methods of its use. Mekh.i avtom. proizv. 17 no.1:45-46 Ja '63. (MIRA 16:2)
(Grain-handling machinery)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

DERBIKOV, I.V.; AGUL'NIK, I.M.; BEN'KO, Ye.I.; YEKHANIN, Ye.V.; GRISHIN, M.P.; YUSHIN, V.I.

Tectonics of the Mesozoic and Cenozoic mantle of the Western Siberian Lowland. Trudy SNIGGIMS no.11:63-155 '60. (MIRA 14:5)
(Siberia, Western--Geology, Structural)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M., inzhener; SUSHKOV, M., inzhener.

Automatic sack loader. Muk.-elev.prom.22 no.5:21-22 My '56.
(MLRA 9:9)
1.Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki.
(Grain-handling machinery)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.P., inzhener; SUSHKOV, M.F., inzhener.

Self-propelled sack loader. Mekh.trud.rab. 10 no.7:36-37 Jl '56.
(Loading and unloading) (MLRA 9:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.

Installation and operation of truck dumpers designed by the All-Union Scientific Research Institute of Grain in conjunction with the Office of Grain Procurement. Muk.-elev.prom. 21 no.3:8-10 Mr '55. (MLRA 8:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki.
(Hoisting machinery)

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SUSHKOV, M.F.; GRISHIN, M.P.

Self-propelled bay loader. Rech.transp. 14 no.11:26 N '55.
(Loading and unloading) (MLRA 9:2)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.M., prof., doktor tekhn.nauk

Seventh International Congress on Large Dams. Dams spanning wide valleys. Gidr. stroi. 32 no.5:52-60 My '62. (MIRA 15:5)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR.

(Dams--Congresses)

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GRISHIN, Mikhail Mikhaylovich, doktor tekhn. nauk, prof.; OBUKHOV, S.S., inzh., nauchnyy red.; SHERSHUKOVA, M.A., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Hydraulic structures]Gidrotekhnicheskie sooruzheniia. Moskva, Gosstroiizdat, 1962. 763 p. (MIRA 15:12)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin).
(Hydraulic structures)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.M., prof., doktor tekhn.nauk; OREKHOV, V.G., kand.tekhn.nauk; KOMZIN, B.I., kand.tekhn.nauk

Studies of the temperature cycle and thermal stress condition of hydraulic structure blocks concreted in winter using a circumferential electric heater. Sbor.trud.MISI no.32:39-49 '61. (MIRA 14:7)
(Volga Hydroelectric Power Station--Concrete construction--Cold weather conditions)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.M., prof., doktor tekhn.nauk; POSPELOV, V.N., kand.tekhn.nauk, dotsent; CHUPRIKOV, I.K., kand.tekhn.nauk; CHURAKOV, A.I., kand.tekhn. nauk

Study of the rock foundation of the Charvak Dam. Sbor.trud.MISI no.32:5-14 '61. (MIRA 14:7)

(Charvak—Dams)

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BERNSHTEYN, L.B., kand. tekhn. nauk; GRISHIN, M.M., doktor tekhn. nauk, prof., red.; VUL'FERT, [illegible]I., spets. red.; POGREBNAYA, L.L., red. izd-va; KOLESNIKOVA, A.P., tekhn. red.

[German-Russian dictionary of hydraulic engineering] Nemetsko-russkii gidrotekhnicheskii slovar'. Pod red. M.M. Grishina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 579 p. (MIRA 15:3)

(German language--Dictionaries--Russian)
(Hydraulic engineering--Dictionaries)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

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GRISHIN, M.M., doktor tekhn.nauk prof.

Conference on the reduction of costs and construction time in hydraulic engineering. Gidr. i mel. 12 no.9:63 S '60. (MIRA 13:9)

1. Predsedatel' sektsii gidrotekhnicheskogo stroitel'stva Soveta po koordinatsii nauchnykh rabot Akademii stroitel'stva i arkhitektury SSSR, rukovoditel' sektsii gidrotekhnicheskogo stroitel'stva Nauchno-tekhnicheskogo obshchestva stroitel'noy industrii, deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR.
(Hydraulic engineering--Economic aspects)

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FEDOROV, L.T., kand.tekhn.nauk; LEONT'YEVSKIY, B.B.; GIL'DENBLAT, Ya.D., kand.tekhn.nauk; KORENISTOV, D.V.; ROSSINSKIY, K.I., kand.tekhn. nauk; KUZ'MIN, I.A., kand.tekhn.nauk; KONDRATSKAYA, A.A., inzh.; NISAR-MUKHAMEDOVA, G.N., inzh.; PANOVA, G.M., inzh.; ROZHDESTVENSKIY, G.L., inzh.; SEMIKOLENOV, A.S., inzh.; TSAREVSKIY, S.V., inzh.; ZHUKOVA, M.F., inzh.; GRISHIN, M.M., retsenzent; KRITSKIY, S.N., doktor tekhn.nauk, red.; MENKEL', M.F., doktor tekhn.nauk, red.; GALAKTIONOV, V.D., kand.geol.-min.nauk, red.; ZAVALISHIN, I.S., inzh., red.; MALYSHEV, N.A., inzh., red.; MIKHAYLOV, A.V., doktor tekhn. nauk, red.; PETROV, G.D., inzh., red.; RAPOPORT, Ya.D., red.; RUSSO, G.A., kand.tekhn.nauk, glavnyy red.; SEVAST'YANOV, V.I., inzh., red.; TITOV, S.V., inzh., red.; TISTROVA, O.N., red.; LARIONOV, G.Ye., tekhn.red.

[Hydrology and water economy of the Volga-Don] Gidrologiia i vodnoe khoziaistvo Volgo-Dona. Pod red. S.N.Kritskogo i M.F.Menkelia. Moskva, Gos.energ.izd-vo, 1960. 146 p. (MIRA 13:11)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin). (Don River--Water resources development)

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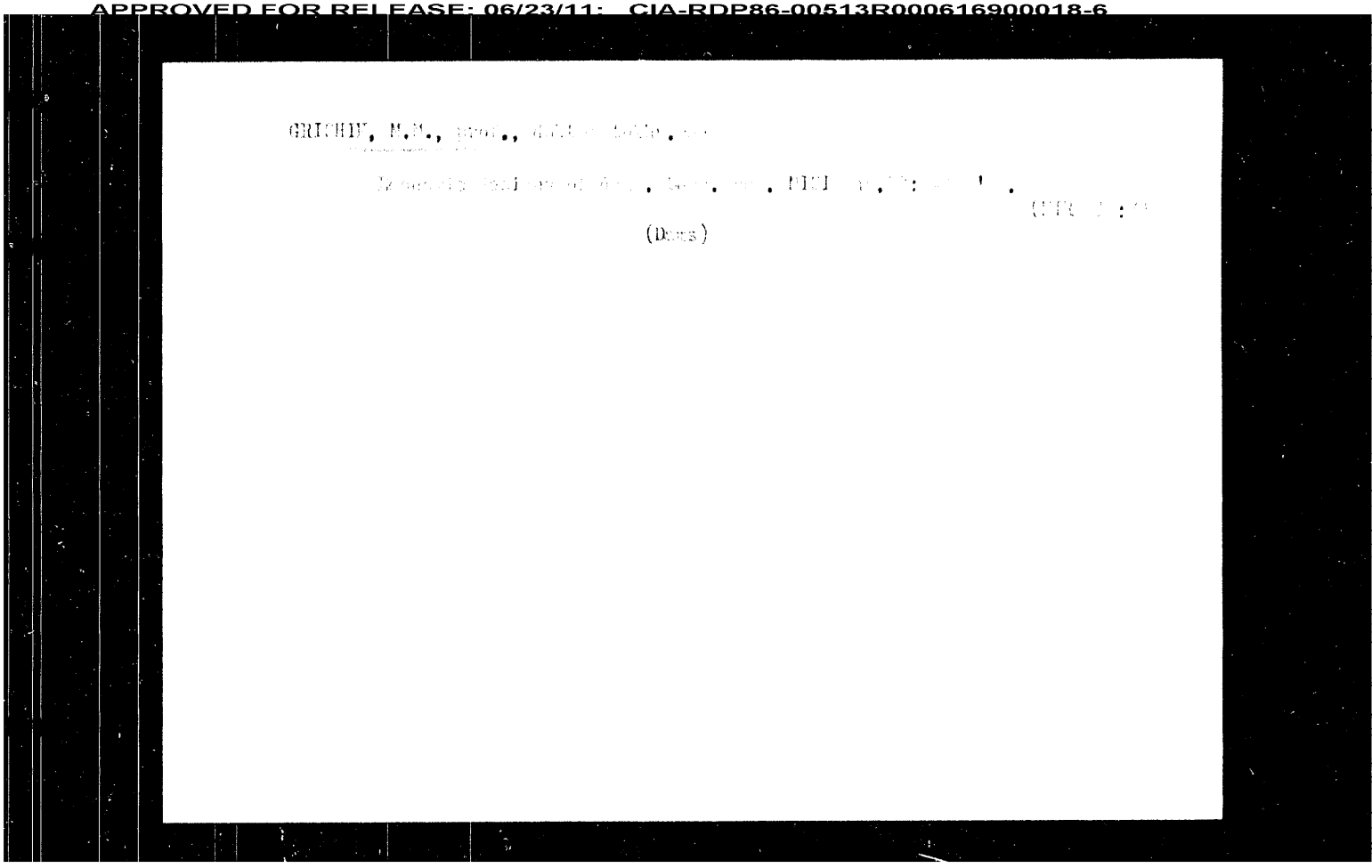

(Dates)

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DAVYDOV, S.S., otv.red.; OVSYANKIN, V.I., red.; KUZNETSOV, G.F., red.; SKRAMTAYEV, B.G., red.; KARTASHOV, K.N., red.; GRISHIN, M.M., red.; KHOLIN, N.A., red.; GALKIN, Ya.G., red.; GORYACHEVA, T.V., red.izd-va; KULAGIN, A.Ya., red.izd-va; STEPANOVA, E.S., tekhn.red.

[Precast and prestressed reinforced concrete; proceedings of the 4th Session of the Academy of Construction and Architecture of the U.S.S.R. on problems in precast and prestressed concrete construction, June 11-14, 1958] Sbornyi i predvaritel'no napriazhennyi zhelezobeton; trudy IV sessii Akademii stroitel'stva i arkhitektury SSSR po voprosam sbornogo i predvaritel'no napriazhennogo zhelezobetona, 11-14 iiunia 1958 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 1069 p. (MIRA 12:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. 2. Deystvitel'nyye chleny Akademii stroitel'stva i arkhitektury SSSR (for all except Galkin, Goryacheva, Kulagin, Stepanova).
(Precast concrete construction) (Prestressed concrete construction)

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BEREZINSKIY, A.R., prof., doktor tekhn.nauk; SOKOLOVA, V.F., mladshiy nauchn.sotrudnik; ALIPOV, V.V., mladshiy nauchn.sotrudnik. Prinimali uchastiye: CHERNIKEVICH, L.A., inzh.; SHEVYAKOV, M.N.; THSEPKE, V.F., inzh.. GRISHIN, M.M., prof., doktor tekhn. nauk, retsenzent; STANKEVICH, V.I., inzh., red.; BORSHCHEVSKAYA, N.M., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Using precast reinforced concrete in hydraulic engineering structures] Primenenie sbornogo zhelezobetona v gidrotekhnicheskikh sooruzheniiakh. Pod red. A.R.Berezinskogo. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 430 p. (MIRA 12:8)

1. Giprovodkhoz (for Chernikevich). 2. Gidroproyekt (for Shevyakov).
(Hydraulic engineering)
(Precast concrete construction)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

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YAKOBSON, Andrey Genrikhovich, inzh.; KARATAYEV, Vasiliy Kuz'mich, inzh.; ZHELEZNYAKOV, Georgiy Vasil'yevich, prof., doktor tekhn.nauk; VOLKOV, Petr Petrovich, inzh.; GRISHIN, M.M., retsenzent; KRITSKIY, S.N., doktor tekhn.nauk, nauchnyy red.; PETROV, G.D., inzh., nauchnyy red.; SOKOL'SKIY, I.F., tekhn.red.

[Construction of cofferdams on the Volga River at the site of the Stalingrad Hydroelectric Power Station; designing and studying construction sites from the point of view of engineering geology] Perekrytie rusla Volgi v stvore Stalingradskoi GES; opyt proektirovaniia, inzhenerno-gidrologicheskikh issledovanii i nabliudenii. Moskva, 1959. 88 p. (MIRA 13:6)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin).
(Stalingrad Hydroelectric Power Station) (Cofferdams)

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STRELETSKIY, N.S., prof., doktor tekhn.nauk; GRISHIN, M.M., prof., doktor tekhn.nauk; NIKOLAYEV, I.S., prof., doktor arkhitektury

Development of construction engineering in the field of building and structure design (1917-1957). Nauch.dokl.vys.shkoly; stroi. no.1:7-21 '58. (MIRA 12:1)

1. Chlen-korrespondent AN SSSR (for Streletskiy). 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury (for all).
(Building)

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GRISHIN, M.M., doktor tekhn.nauk, prof.

Calculating underground contours for dams. Gidr.stroi. 26 no.10:15-17 O '57. (MIRA 10:10)
(Dams)

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AGAPOV, D.S. --- (continued) Card 2.
o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina. TSimlianskogo gidrouzla i orositel'nykh sooruzhenii (1949-1952) v piati tomakh. Glav.red. S.IA. Zhuk. Moskva, Gos.energ. izd-vo. Vol.5. [Quarry management] Kar'ernoe khoziaistvo. Red.toma I.N. Kostrov. 1956. 172 p. (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin)
(Quarries and quarrying)

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AGAPOV, D.S.; ARTIBILOV, B.M.; VIKTOROV, A.M.; GINTS, A.N.; GOR'KOV, A.V.; GUSYATINSKIY, M.A.; KARPOV, A.S.; KOLOT, I.I.; KOMAREVSKIY, V.T.; KORYAGIN, A.I.; KRIVSKIY, M.N.; KRAYNOV, A.G.; NESTEROVA, I.N.; OBMS, I.S., kandidat tekhnicheskikh nauk; SOSNOVIKOV, K.S.; SUKHOTSKIY, S.F.; CHLENOV, G.O.; YUSOV, S.K.; ZHUK, S.Ya., akademik, glavnyy redaktor; KOSTROV, I.N., redaktor; BARONENKOV, A.V., professor, doktor tekhnicheskikh nauk, redaktor; KIRZHNER, D.M., professor, doktor tekhnicheskikh nauk, redaktor; SHESHKO, Ye.F., professor, doktor tekhnicheskikh nauk, redaktor; AVERIN, N.D., inzhener, redaktor [deceased]; GOR'KOV, A.V., inzhener, redaktor; KOMAREVSKIY, V.T., inzhener, redaktor; ROGOVSKIY, L.V., inzhener, redaktor; SHAPOVALOV, T.I., inzhener, redaktor; RUSSO, G.A., kandidat tekhnicheskikh nauk, redaktor; FILIMONOV, N.A., inzhener, redaktor; VOLKOV, L.N., inzhener, redaktor; GRISHIN, M.M., professor, doktor tekhnicheskikh nauk, redaktor; ZHURIN, V.D., professor, doktor tekhnicheskikh nauk, redaktor; LIKHACHEV, V.P., inzhener, redaktor; MEDVEDEV, V.M., kandidat tekhnicheskikh nauk, redaktor; MIKHAYLOV, A.V., kandidat tekhnicheskikh nauk, redaktor; PETROV, G.D., inzhener, redaktor; RAZIN, N.V., redaktor; SOBOLEV, V.P., inzhener, redaktor; FERINGER, B.P., inzhener, redaktor; TSYPLAKOV, V.D., inzhener, redaktor; ISAYEV, N.V., redaktor; TIETROVA, O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[The Volga-Don Canal; technical report on the construction of the Volga-Don Canal, the TSimlyanskaya hydro development and irrigation works (1949-1952); in five volumes] Volgo-Don; tekhnicheskii otchet

(continued on next card)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

AID P-4010

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 17/18

Author : Grishin, M. M.,Dr. Tech. Sci., Prof.

Title : M. Gignoux et R Barbier. Geologie des barrages et des amenagements hydrauliques. Paris, 1955.

Periodical : Gidro. stroi., 8, 44-47, 1955

Abstract : A review of the French publication. The reviewer praises the book and gives a detailed account of its contents. Seven diagrams.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN,M.M., professor, doktor tekhnicheskikh nauk

Present-day status and developmental tasks in the construction of concrete and reinforced concrete hydraulic installations. Bet.i zhel.-bet. no.5:166-171 Ag '55. (MLRA 8:9)
(Concrete construction) (Dams)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

Gidr. stroi., 5, 1-5, 1955

AID P - 3197

Card 2/2 Pub. 35 - 1/19

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

AID P - 3197

Subject : USSR/Hydraulic Engineering

Card 1/2 Pub. 35 - 1/19

Author : Grishin, M. M., Dr. Tech. Sci., Prof.

Title : Use of concrete and reinforced concrete in hydraulic installation construction

Periodical : Gidr. stroi., 5, 1-5, 1955

Abstract : Reporting on the wide use of concrete for the construction of dams, the author points out certain deficiencies in concrete admixtures, e.g. insufficient tensile strength causing cracking and weathering, etc. The average ratio of reinforcement used in the construction of powerhouses, dams and locks is mentioned. The possibilities of decreasing the volume of concrete by wider use of lean concrete, better drainage systems etc are discussed. A wider use of pre-cast concrete is advocated, especially in construction with precast floating (pontoon-type) concrete for piers and baffles. The author emphasises the necessity of reviewing GOST standard specifications.

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GRISHIN, Mikhail Mikhaylovich, professor, doktor tekhnicheskikh nauk;
MIKHAYLOV, K.A., professor, doktor tekhnicheskikh nauk, retsenzent;
BEREZINSKIY, A.P., professor, doktor tekhnicheskikh nauk, retsenzent;
SAFONOV, P.V., redaktor; SMOL'YAKOVA, M.V., tekhnicheskiy redaktor.

[Hydraulic installations] Gidrotekhnicheskie sooruzheniia. Izd. 2-e, ispravl. i dop. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture. Pt. 2 . 1955. 448 p. (MIRA 8:4)
(Hydraulic engineering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

SIDOROV, A.A., kandidat tekhnicheskikh nauk, redaktor,and others... (Card 2)

[Hydraulic engineering handbook]Spravochnik to gidrotekhnike, Moskva, Gos.izd-vo lit-ry, po stroit i arkhit. 1955. 828 p. (Card 2) (MLRA 8:10)

2. Zasluzhenyy deyatel' nauki i tekhniki RSFSR(for Bliznyak)
3. Deystvitel'nyy chlen Akademii nauk AzSSR(for Mikaylov)
(Hydraulic engineering)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

SIDOROV, A.A., kandidat tekhnicheskikh nauk, redaktor; BLIZNYAK, Ye.V. doktor tekhnicheskikh nauk, professor; OLESHKEVICH, L.V., kandidat tekhnicheskikh nauk, dotsent; AKHUTIN, A.N., doktor tekhnicheskikh nauk, professor; BEREZINSKIY, A.R., doktor tekhnicheskikh nauk, professor; GRISHIN, M.M., doktor tekhnicheskikh nauk, professor; DZHUNKOVSKIY, N.N., doktor tekhnicheskikh nauk, professor; ZHEMOCHKIN, B.N., laureat Stalinskoy premii, doktor tekhnicheskikh nauk, professor; MIKAYLOV, K.A., doktor tekhnicheskikh nauk, professor; NICHIPEROVICH, A.A., doktor tekhnicheskikh nauk, professor; NESTERUK, F.Ya., doktor tekhnicheskikh nauk; NEDRIGA, V.P., kandidat tekhnicheskikh nauk; SAFONOV, P.V., inzhener; LATYSHENKOV, A.M., kandidat tekhnicheskikh nauk,dotsent, redaktor; MUROMOV, V.S., kandidat tekhnicheskikh nauk, dotsent, redaktor; BARSOV, M.V., inzhener, redaktor; MEYSTER, V.A., kandidat tekhnicheskikh nauk, redaktor; LIPKIND, M.V., kandidat tekhnicheskikh nauk, redaktor; LYAPICHEV, P.A., kandidat tekhnicheskikh nauk, redaktor; KARPOV, I.M., kandidat tekhnicheskikh nauk, dotsent, redaktor; REPKIN, V.P., inzhener, redaktor; MEDVEDEV. L.Ya., tekhnicheskiy redaktor.

[Hydraulic engineering handbook]Spravochnik po gidrotekhnike, Moskva, Gos.izd-vo lit-ry, po stroit. i arkhit.1955. 828 p. (MLRA 8:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut vodosnabzheniya, kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy gidrogeologii. 2. Zasluzhenyy deyatel' nauki i

(Continued on next card)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M. M.

4400. GRISHIN, M. M. --Gidrotekhnicheskiye sooruzheniya. (uchebnik dlya gidrotekhn. vuzov i fak.) izd. 2-ye, ispr. i dop. M., Gos. izd. lit. po stroitel'stvu i arkhitekture, 1954. 27sm.
ch. 1. 500 s. s ill., 4L, ill. 25.000 ekz. 14r. V per.--Bibliogr: s.497-499.--
(55-337) 626 & 627.8 & (016.3)

SO: Knizhnaya Letopsis', Vol. 1, 1955

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GRISHIN, M. M.

Dec 52

USSR/Engineering - Dams

"Dams, Large," Prof M. M. Grishin

Priroda, No 12, pp 53-59

Presents 10 general views of dams such as those to be constructed at the Kuybyshev Reservoir and the various hydroelectric projects and irrigational systems at Kama, Gor'kiy, Mingechaur, Ust'Kamenogorsk, Narva, etc. Discusses general problems of filtration under dams.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M. M.

29008 Zadachi Vtoroy Vseseyuznoy Konferentsii po gidrotekhnicheskomu stroite L'stvu. Gid Rotekhn. Stroit-vo, 1949, No. 9 S. 1-2

SO: Letopis' Zhurnal'nykh Statey, Vol. 3[illegible], Moskva, 1949

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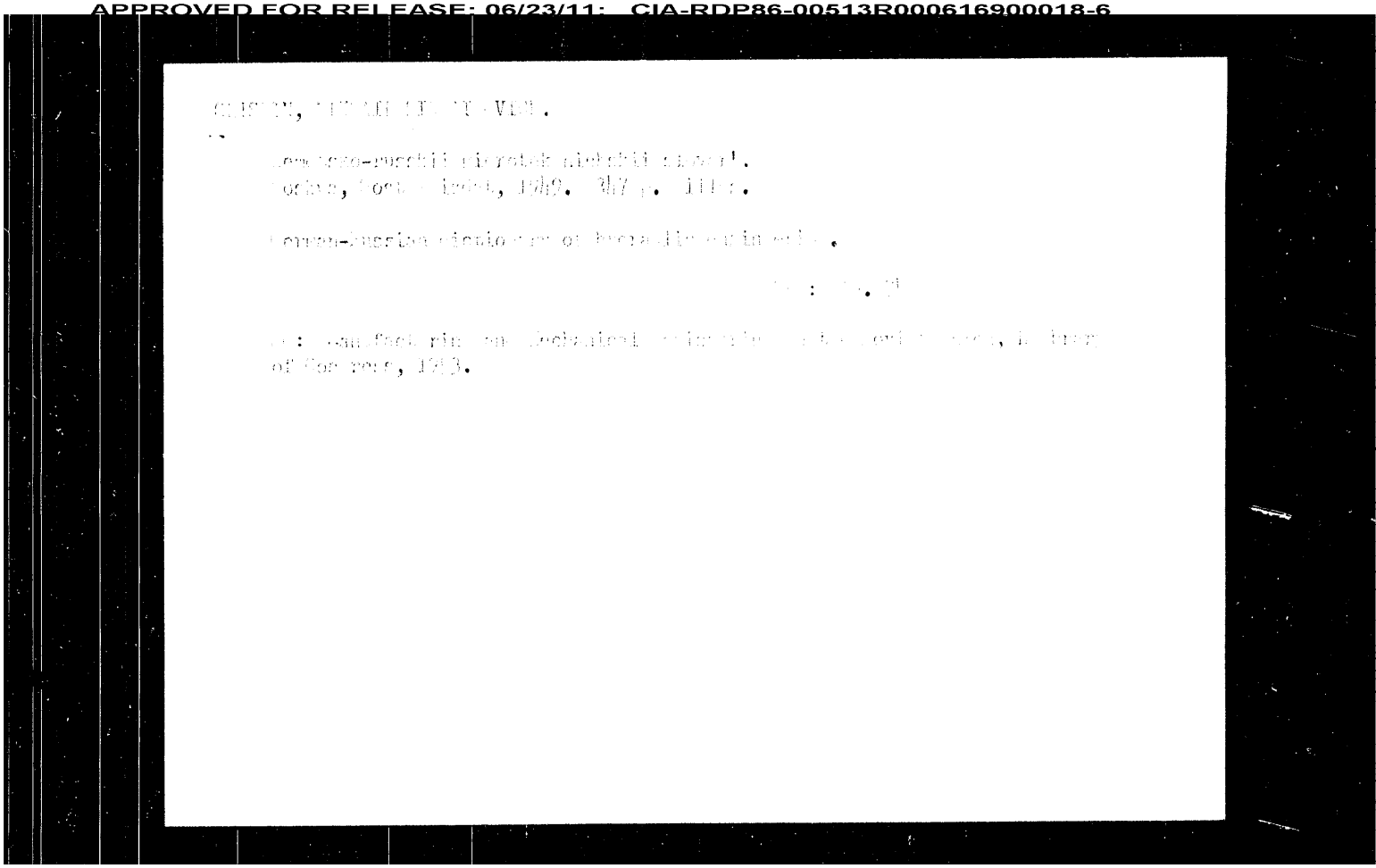

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M. M.

"Spillway Dams with Soft Soil Foundations," Gidro Tekh. Skoye Stroitel', No 12, 1947

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, I. I. (Prof.)

"Design of Gates," Gidrotekhnicheskoye Stroitel'stvo, No. 12, Moscow, Dec. 1957.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M. M. and BOGOSLOVSKII, M.

Problema reki Dona. [The problem of the Don river]. (In Kompleksnye vodokhoziastvennye problemy SSSR. Materialy k Vsesoluznoi konferentsii. Moskva, 1932, v. 2, p. 39-52).
DLC: TD235.A1A5 1932

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.K.

New organization of the Central Office of Technical Information is necessary. NTI no.11:8-9 '64. (MIRA 18:1)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, Mikhail Karpovich; BARONENKOV, A.V., redaktor; SHUSTOVA, V.M., redaktor izdatel'stva; VAYNSHTEYN, Ye.B., tekhnicheskiy redaktor

[Mining] Gornoe delo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 335 p. (MLRA 10:1)
(Mining engineering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

LISTOV, Konstantin Mikhaylovich; TROFIMOV, Kirill Nikolayevich. Prinimali uchastiye: GRISHIN, M.G.; SONCHIK, S.S.; SAVODNIK, A.V.. GNUTIKOV, P.I., polkovnik, red.; STREL'NIKOVA, M.A., tekhn.red.

[Radio and radar engineering and its use] Radio i radiolokatsionnaia tekhnika i ikh primenenie. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 423 p. (MIRA 13:4)

(Radio) (Radar)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

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LIPGART, A.A., doktor tekhn.nauk, prof., zasluzhennyy deyatel' nauki i tekhniki RSFSR; GRISHIN, M.D.; [illegible], Ya.S.; [illegible], L.Ye., kand.; KOMMIL'TSYN, A.M.; MALINOVSKIY, G.S., master sporta, sud'ya respublikanskoy kategorii

Makers of automobiles. Tekh. mol. 31 no.9:12-15 '63. (MIRA 16:9)

1. Zamestitel' direktora Nauchno-issledovatel'skogo avtomotornogo instituta (for Lipgart). 2. Chlen yuridicheskoy komissii pri Sovete Ministrov SSSR (for Grishin). 3. Predsedatel' sektsii avtomototurizma Gosudarstvennogo mekhanicheskogo zavoda, Odessa (for Malinovskiy). 4. Rukovoditel' ekspertnoy gruppy po avtomobil'nomu transportu Gosudarstvennogo komiteta po delam izobretaniy i otkrytiy pri Sovete Ministrov SSSR (for Mezhevich). 5. Nachal'nik Gosudarstvennoy avtomobil'noy inspektsii RSFSR (for Kormil'tsyn). 6. Chlen Komiteta po kontrolyu TSentral'nogo avtomotornogo kluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR (for Malinovskiy).

(Automobiles--Design and construction)

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GRISHIN, M.A., kand. tekhn. nauk

High temperature vortex drying of vegetables. Pishch. prom.
no.1:195-201 '65. (MIRA 18:11)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.A.

Experimental study of the vortex drying of vegetables. Inzh.-fiz. zhur. no.5:40-45 My '60. (MIRA 13:8)

1. Tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, Odessa.

(Vegetables--Drying)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.A.

Calculation of the process of the vortex drying of vegetables. Izv. vys.ucheb.zav.;pishch.tekh. no.4:135-141 '60. (MIRA 13:11)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti. Kafedra tekhnologicheskogo oborudovaniya.
(Vegetables--Drying)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, M.A.

Hydrodynamics of coarse-grained material in a vortex air flow.
Inzh.-fiz.zhur. no.6:82-86 Je '60. (MIRA 13:7)

1. Tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, g. Odessa.
(Fluidization) (Granular materials)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

GRISHIN, K. A., Cand Tech Sci -- (diss) "Investigation of the process of drying vegetables in a vertical stream of air (while kept in a partially suspended state)." Odessa, 1960. 19 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Odessa Technological Inst im I. V. Stalin); 200 copies; price not given; (KL, 52-60, 120)

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AKIMOV, V.I.; ALEKSEYENKO, I.P.; ALENT'YEVA, K.A.; AMOSOV, N.M.; ARUTYUNOV, A.I.; BRATUS', V.D.; VASHCHENKO, I.D.; GELLERMAN, D.S.; GRISHIN, M.A.; DANKEVICH, T.N.; DENISOVA, A.G.; DOLGOVA, M.P.; IVANOV, N.A.; [illegible]OHCHENKO, I.N.; KATS, V.A.; KOLOMIYCHENKO, M.I.; LAVRIK, S.S.; LIMAREV, A.A.; NAZAROVA, N.G.; NOVACHENKO, N.P.; PETRUNYA, S.P.; PKHAKADZE, A.L.; RUDENKO, F.A.; SERGIYEVSKIY, V.F.; TAYTSLIN, I.S.; TARTAKOVSKIY, B.S.; CHIZHONOK, P.I.; SHALABALA, M.P.; SHUMADA, I.V.; SHUPIK, P.L.

Konstantin Konstantinovich Skvortsov; obituary. Nov.khir.arkh. no.3:142-143 My-Je '59. (MIRA 12:10)
(SKVORTSOV, KONSTANTIN KONSTANTINOVICH, 1871-1959)

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GRISHIN, M.A.

Complicated fractures of the pelvis. Ortop.travm. i protez 19 no.2:17-21 Mr-Ap '58 (MIRA 11:5)

1. Iz Luganskoy oblastnoy bol'nitsy (glavnyy vrach - I.D. Vashchenko)
(PELVIS, fract.
compl.,classif. (Rus))

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GAISHIN, M. A.: Master Med Sci (diss) -- "Injury to the pelvic portion of the urethra in concealed breaks of the pelvic ring; soft-injuries [illegible] in the Donbass (Lisyanskaya Oblast)". Lisyansk, 1958. 19 pp (Kharkov State Med Inst, Lisyansk Oblast Hospital), 250 copies (KL, No 12, 1958, 124)

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Comparison of Several Electrodes for Cold Welding of Cast Iron

welds with high plastic qualities. The mechanical qualities are determined by round samples (Fig.1). Table 1 shows the types and the characteristics of the examined electrodes. Table 2 gives the welding conditions. The results are given in detail in tables 3 and 4. Table 6 shows the microstructure of the welded joints. As a summary it was established that the electrodes of the first group cannot be recommended for mass production. From the second group the electrode type EMChS can be recommended. Also the electrodes of group III (EMCh, AMCh), of group IV (ASZ-7, ZhNB) and of group V (MNB-40, MNB-30) gave satisfying results and can be recommended for use. There are 1 photograph, 1 diagram and 6 tables.

ASSOCIATION: VPTI Leningradskogo sovnarkhoza (VPTI of Leningrad Sovnarkhoz)

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SOV/135-59-10-15/23

B3(3)

AUTHORS: Narskiy, S.A., Engineer, and Grishin, M.A.

TITLE: Comparison of Several Electrodes for Cold Welding of Cast Iron

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 10, pp 34-37 (USSR)

ABSTRACT: The Vsesoyuznyy proyektno-tekhnologicheskiy institut (VPTI) (All Union Institute for Planning and Technology) of the Leningrad Sovnarkhoz conducted comparative examinations of 11 types of electrodes for cold welding of cast iron. The purpose of this examination is the establishment of a nomenclature of electrodes for their centralized production. According to the composition of the weld metal, the electrodes are divided into five groups: 1) Electrodes which produce weld metal of low carbon steel; 2) electrodes of low carbon wire with a coating which provide the obtaining of sulphur cast iron; 3) electrodes made of cast iron with a special coating which provide high quality cast iron welds; 4) electrodes of iron-nickel alloys, coated with a special smear, which provide a weld metal of austenitic structure, 5) electrodes with wires of copper-nickel alloy, which provide the obtaining of

Card 1/2

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Vibrating Arc Welding of Electric Motor Shafts

[illegible]-1-10/25

under the following conditions: arc voltage is 18 to 21 v, the rate of electrode wire feed is 1.5 to 2.5 m/min., the longitudinal shift of the electrode is 1.25 mm per minute, the consumption of refrigerating liquid (3% water solution of calcined soda) is 1.5 to 2.0 liters/min., the amplitude of electrode vibration is 1.5 to [illegible] mm. The thickness of the weld layer must be 1.5 mm. Experience has shown that consumption of [illegible] -arc welding is 7 to 7.6 times lower than that of the hand-operated arc, and as a result the application of this method in the repair of worn-out shafts produced considerable savings. There is 1 figure and 4 Soviet references.

ASSOCIATION: Chelyabinskiy politekhnicheskiy institut imeni Leninskogo komsomola (Chelyabinsk Polytechnical Institute) Stalinskiy Energozavod (Stalinskiy Power Equipment Plant)

AVAILABLE: Library of Congress

Card 2/2 1. Shafts-Welding 2. Arc welding-Vibration processes

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900018-6

AUTHORS: Batskevich, I.P., Candidate of Technical Sciences [illegible], G.D., and Grishin, A.I., Engineers

TITLE: Vibrating Arc welding of Electric [illegible] for Shafts (Vibrodugovaya naplavka valov elektrodvigateley)

PERIODICAL: Svarochnoye proizvodstvo, 1956, [illegible] pp. 38 - 39 (USSR)

ABSTRACT: The authors state that nearly all shafts repaired at the Stalinsk Power Plant were made of 2T 5 steel and have 7 journals of different types. Their wear is 0.3 to 0.5 mm to the side. In 1956, the chair of welding of the Chelyabinsk Polytechnical Institute and the Stalinskiy energozavod (Stalinsk Power Plant) started collaborating on the introduction and improvement of vibro-arc welding as applied to the repair of worn out parts of electric motors. The plant assembled two special vibro-arc devices. Their arcs were fed by welding converters of the SG-500 type. A series of tests showed the preferable qualities of the Sv-08 or Sv-08A welding rods of 3 mm in diameter, ensuring good quality of weld metal, free from cracks, with a hardness of 200 to 275 Hv. Electrode vibration has a great effect on the stability of the welding process. The power plant replaced magnetic vibrators by mechanical ones, which work independent at grid voltage oscillations, and ensure a high stability of the process. This process was carried out

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